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On locally finite-dimensional traces

Locally finite-dimensional (LFD) traces emerged out of Popa's "local finite-dimensional approximation" as an intrinsic property of C^* -algebras. In my talk, I will provide a new characterization of LFD-traces in terms of projections in the enveloping von Neumann algebra. Then I will address some long-standing questions regarding LFD-traces and their behaviour under convex combinations. I will finish by giving a reformulation of the Universal Coefficient Theorem question in terms of strongly self-absorbing algebras.